

COCCIDÆ.—Plate VIII., figure 19.—COCCIDÆ.

- ig. a, *Dactylopius calceolarix*: female; magn. 20 diams.
 , , , antenna: magn. 60 diams.
 , , , foot: magn. 60 diams.
 d, , , anal region: magn. 90 diams.
Dactylopius poæ: antenna: magn. 60 diams.
 , , , foot: magn. 60 diams.
 g, , , anal region: magn. 200 diams.

COCCIDÆ.—Plate VIII., figure 20.—COCCIDÆ.

- Fig. a, *Icerya purchasi*: young insect: magn. 40 diams.
 b, , , female, 2nd stage: magn. 20 diams.
 c, , , hairs and spinnerets: magn. 200 diams.
 d, , , antenna, 3rd stage: magn. 40 diams.
 e, , , foot, 3rd stage: magn. 90 diams.
 , , , antenna of young: magn. 90 diams.

COCCIDÆ.—Plate VIII., figure 21.

- Fig. a, *Icerya purchasi*: female, commencement of last stage, viewed from above: magn. 6 diams.
 b, *Icerya purchasi*: ditto, under side: magn. 6 diams.
 c, , , female, end of last stage: magn. 6 diams.
 d, , , ditto, under side.

COCCIDÆ.—Plate VIII., figure 22.

- Fig. a, *Powellia vitreo-radiata*: eggs: magn. 150 diams.
 b, , , female: magn. 25 diams.
 c, , , abdomen of young: magn. 90 diams.
 d, , , antenna: magn. 100 diams.
 e, , , foot: magn. 200 diams.
 f, , , anal marking: magn. 200 diams.
 g, , , fringe: magn. 200 diams.

ART. XVII.—On a Hymenopterous Insect parasitic on Coccidæ.

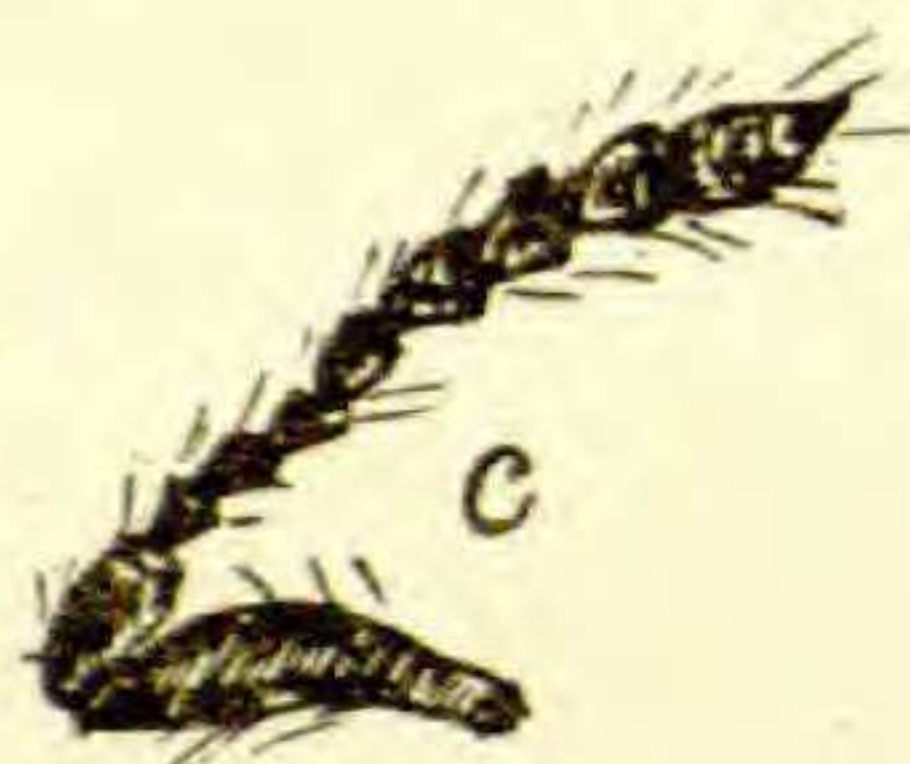
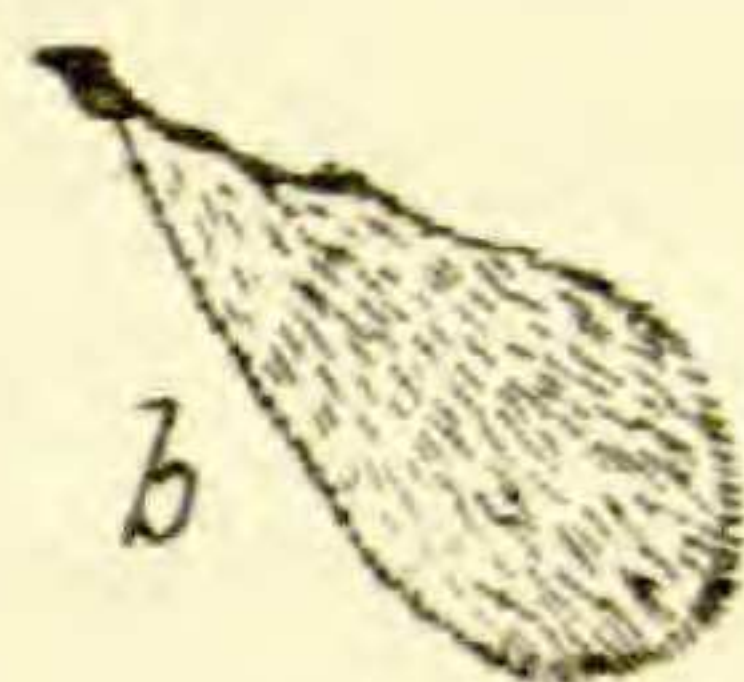
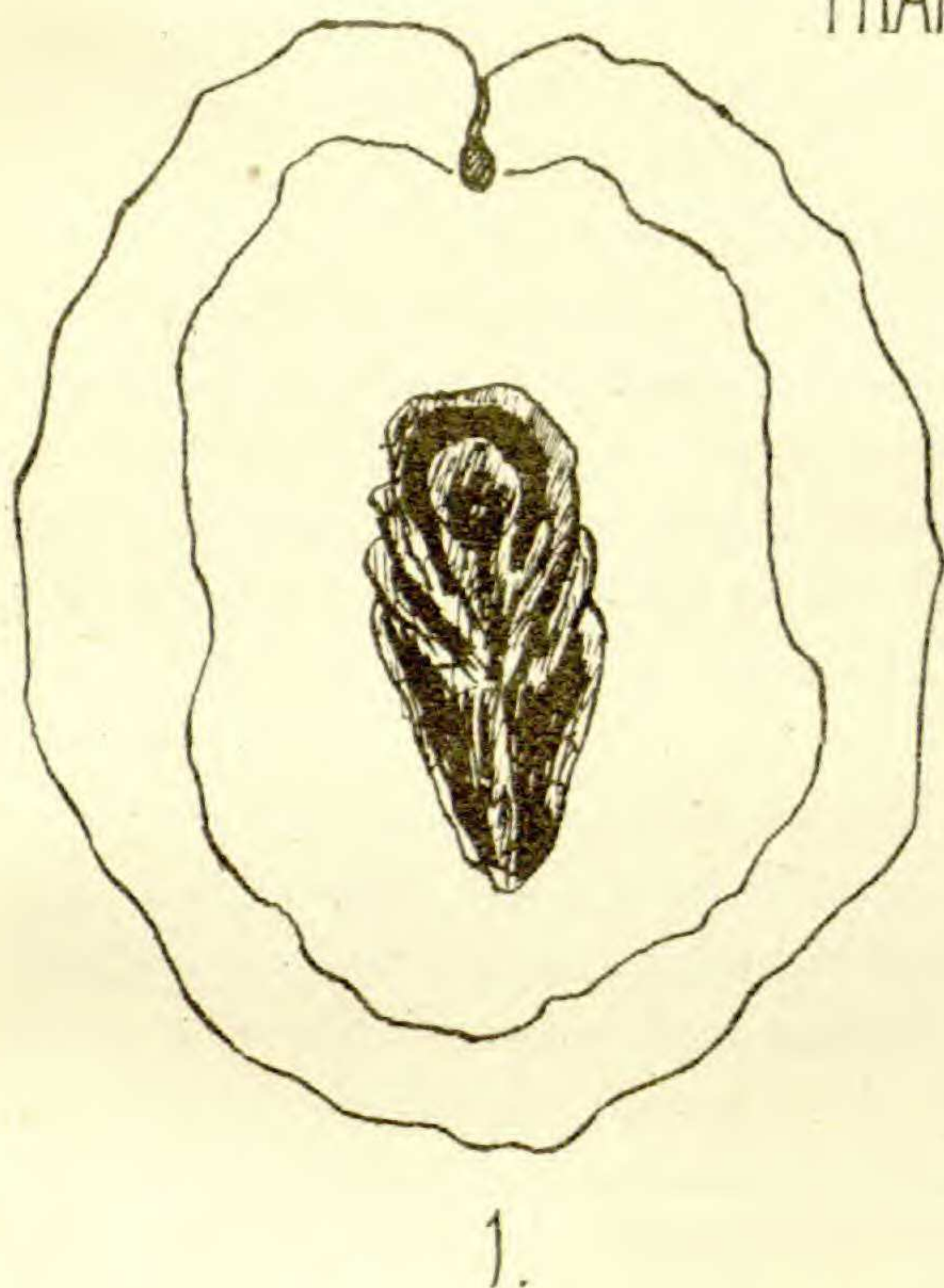
By W. M. MASKELL.

[Read before the Philosophical Institute of Canterbury, 4th July, 1878.]

Plate IX.

SOME of the Coccidæ are much troubled by parasites. In this country I have not found this to be the case upon the naked-bodied species, *Lecanium*, etc. But some of the Diaspidæ, particularly *Mytilaspis pomorum*, have often in their shells minute white *Acari*; and as in these cases many of the enclosed eggs have been shrivelled or empty, I imagine that the *Acarus* may devour them.

The insect I am now describing attacks some of the indigenous test-bearing Coccidæ. When in June, 1877, I found my first specimens of *Ctenochiton perforatus*, I did not at first understand the nature of an object



3.



HYMENOPTEROUS PARASITE ON COCCIDÆ.

